

# charnwood

*Woodworking machinery at its best!*

**8" x 5" PLANER THICKNESSER  
OPERATING INSTRUCTIONS  
MODEL: W588**



CE

Charnwood, Cedar Court, Walker Road, Bardon, Leicestershire, LE67 1TU

Tel. 01530 516 926 Fax. 01530 516 929  
Email; [sales@charnwood.net](mailto:sales@charnwood.net) website; [www.charnwood.net](http://www.charnwood.net)

# Introduction

To get the most out of your new planer thicknesser, please read through this manual and safety instructions before use. Please also save the instructions in case you need to refer to them at a later date.

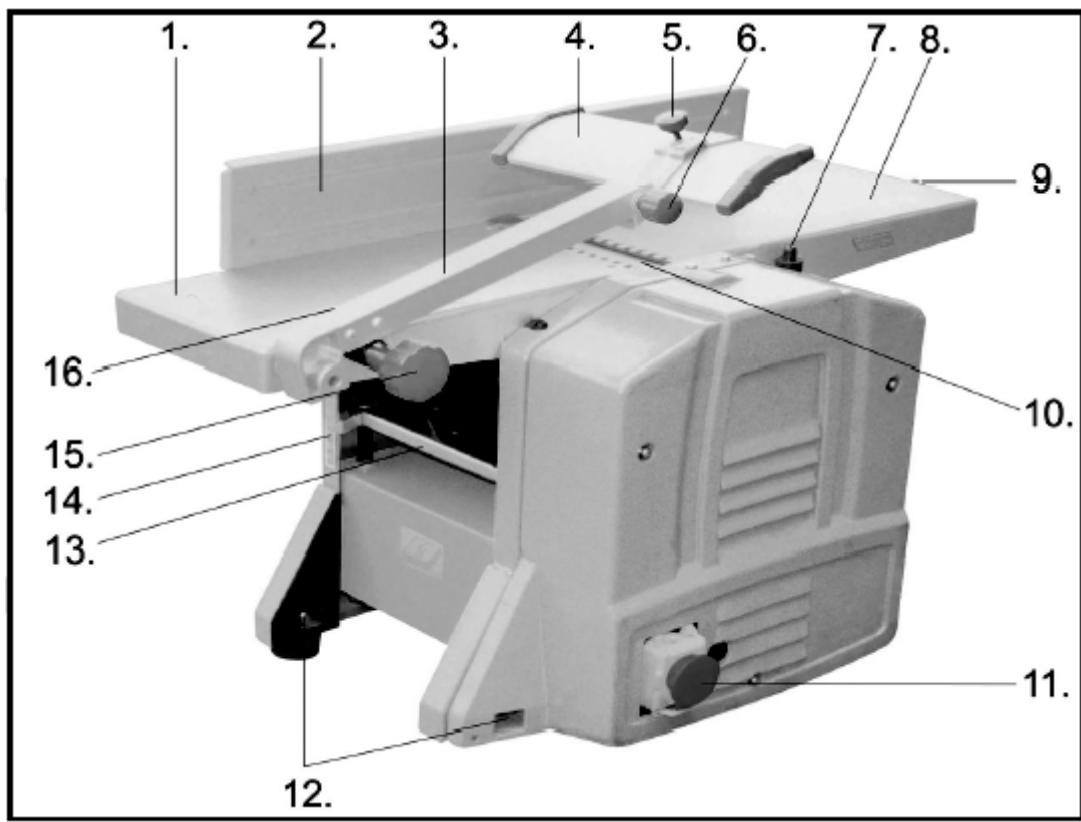
## Technical data

Voltage/frequency	230 V ~ 50 Hz
Power rating	1500 W
<i>Planer:</i>	
Planing width	200 mm
Planing depth	0-3 mm
Work table	740 x 210 mm
Working height	360 mm
Fence	530 x 100 mm
Angle range	90-135°
<i>Thicknesser:</i>	
Planing width	200 mm
Capacity	5-127 mm
Planing depth	0-2 mm
Work table	270 x 210 mm
Feed-in speed	8 m/min
No. of blades	2
Extractor outlet	100 mm dia.

## Main components

1. Rear table
2. Guide fence
3. Blade guard arm
4. Blade guard
5. Width adjustment knob
6. Angle adjustment knob
7. Depth adjustment handle (thicknesser)
8. Front table
9. Plane depth adjustment knob (plane)
10. Blade housing
11. On/off switch
12. Stabilising holes
13. Thicknesser table
14. Plane depth indicator
15. Arm adjustment knob
16. Hole for depth adjustment (in back table)

An extractor nozzle, tools and blade adjustment gauge are also included (not illustrated here).



## **Special safety instructions**

For planing wood only.

Never use the machine if the blade is not correctly locked in the blade housing.

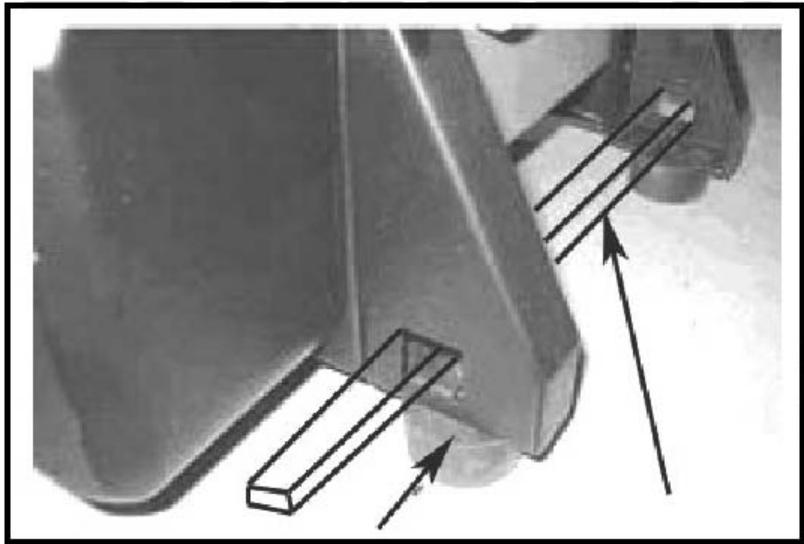
When not in use, cover the blade housing.

Use a piece of scrap wood as a pusher when planing small items.

Never allow fingers or tools to get near the blade when machine is in use.

Never try to plane across the grain.

Test on/off switch regularly.



## **Mounting**

Place on a level, stable surface.

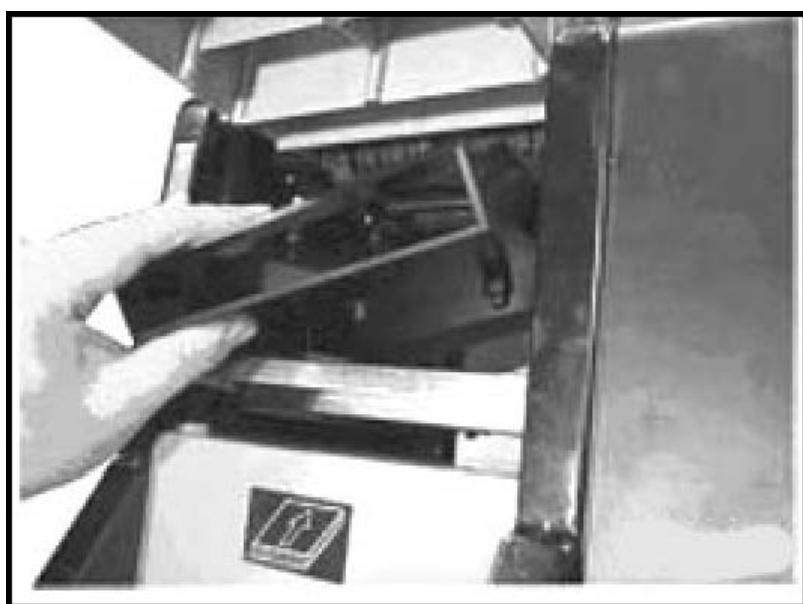
Fit the side guide (2) using the two screws supplied.

Fit blade guard arm (3) to rear table (1) opposite side guide.

Stabilise machine if required by passing a piece of wood through stabilising holes (12) on base.

This is advisable if large items are to be planed.

## **Attaching extractor hose**



## **Planing**

Turn depth adjustment handle (7) anti-clockwise to fully lower thicknesser table (13).

Connect extractor hose to thicknesser table under the front table. The three studs in the extractor nozzle slot into the corresponding holes on the table.

Raise thicknesser table again by turning handle clockwise, until nozzle fits tightly to underside of table.

Fit adapter on nozzle and connect to extractor system.

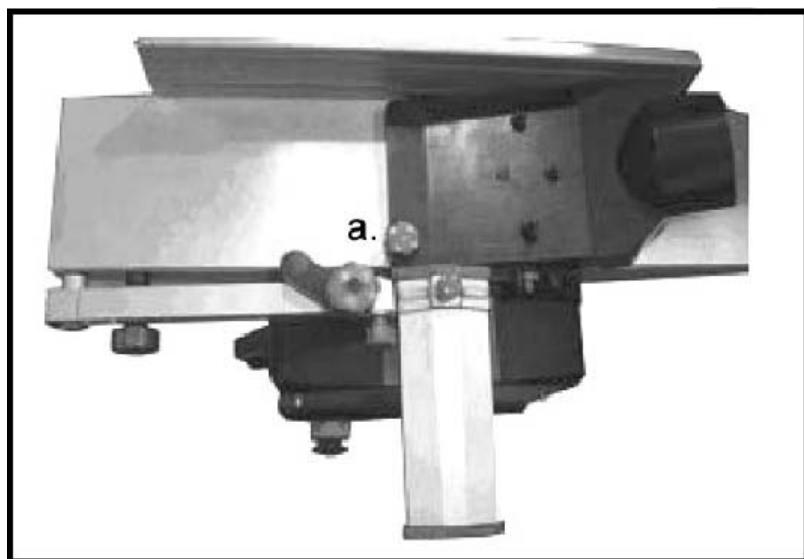


### **Thicknessing**

Slacken width adjustment knob (5) on blade guard (4), and push clear of blade housing (10).

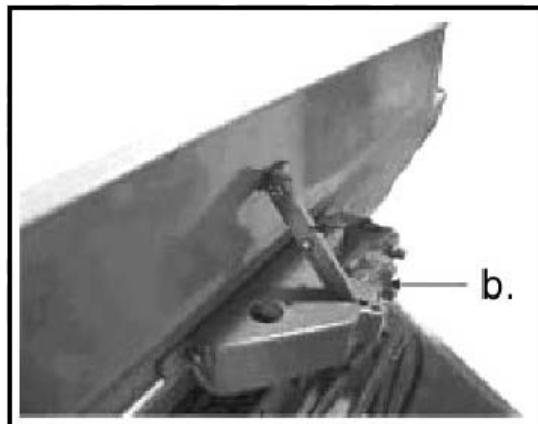
Fit extractor to back table using handle (a).

Fit adapter on nozzle and connect to extractor system.



### **Setting guide fence**

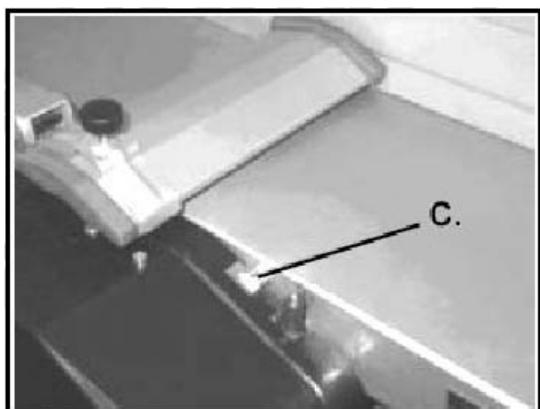
Set guide fence at desired angle (90-135°) using adjustment screw (b)  
Insert plug in mains socket.



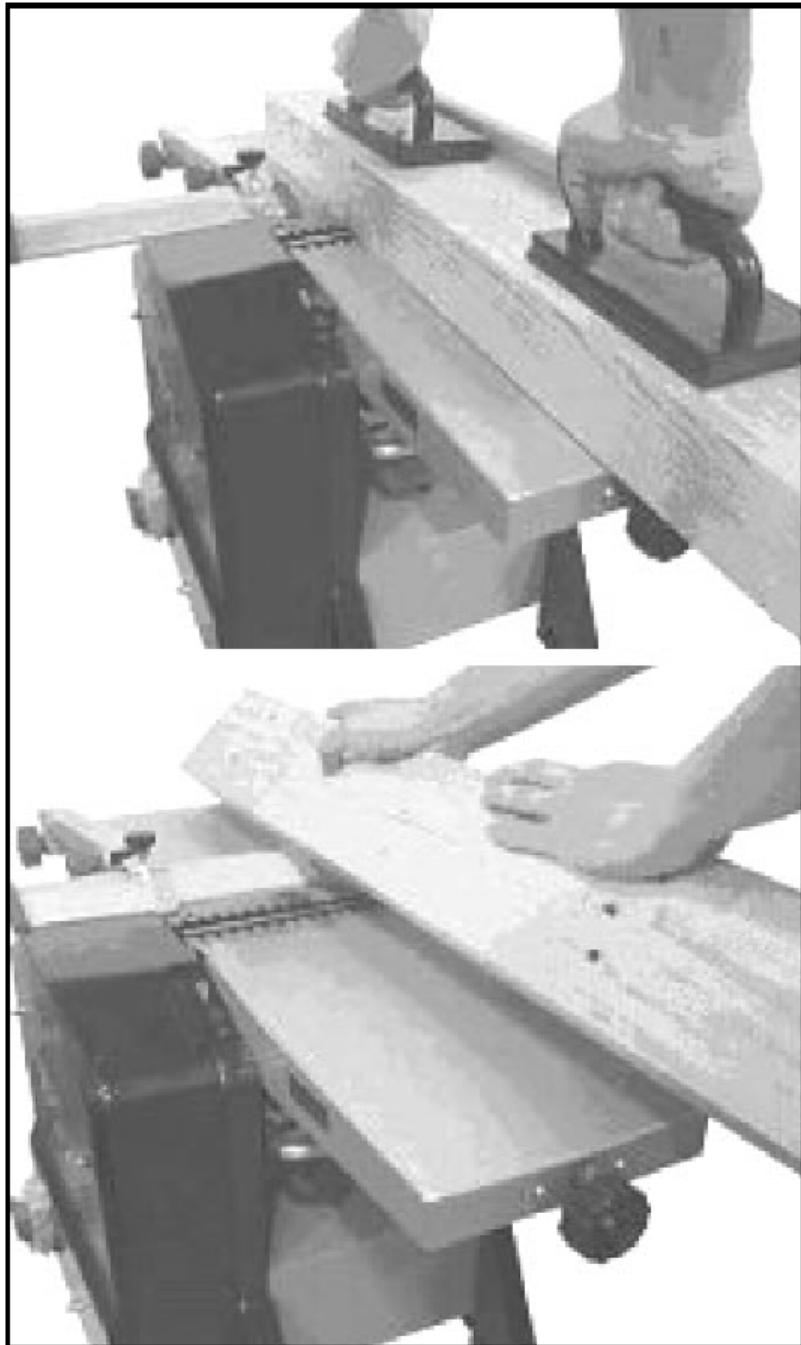
## Use Planing

**IMPORTANT:** The Dust Extraction Hood must be fitted underneath the cutterblock before operating the machine.

Sensors will detect if the hood is not fitted correctly and disable the switch.



Turn adjustment knob (9) to lower front table to desired height. Planing depth can be seen on indicator (c)  
Place workpiece on front table and set blade guard to required height using arm adjustment knob (15).



The workpiece should be able to pass unhindered under the guard.

Set guide fence angle, if planer is to be used for beveling.

Start machine at on/off switch (11).

Slide item slowly and steadily towards blade.

### **Thicknessing**

**IMPORTANT: The Dust Extraction Hood must be fitted over the cutterblock before operating the machine. Sensors will detect if the hood is not fitted correctly and disable the switch.**

Arrange blade guard over blade housing and secure in place.

Set thicknesser to desired depth using handle.

Planing depth can be seen on indicator (14).

Start machine.

Place workpiece on thicknesser table on side of machine with arrow, and slide slowly and steadily forward with side to be planed facing upwards.

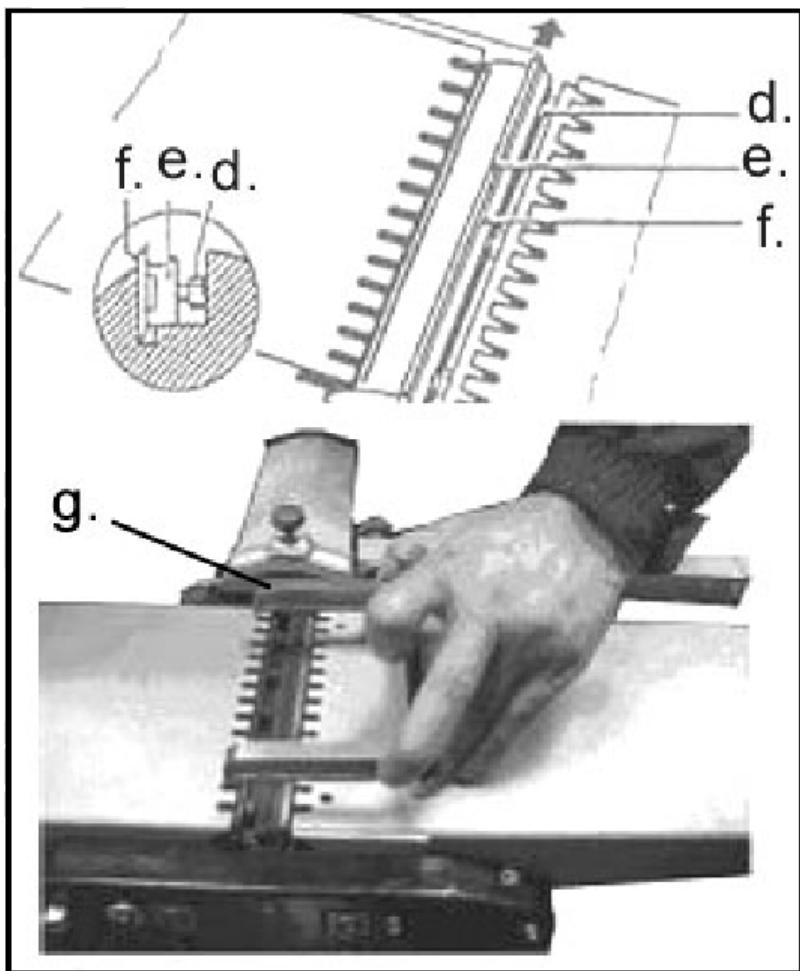
Wedge-shaped items must be planed thick end first.

## **General**

Switch off machine after use and remove chips and dust from blades.

## **Cleaning and maintenance**

Always disconnect machine from mains before performing maintenance!



### **Servicing and replacing blades**

Remove side guide and blade guard. Slacken screws (d) with the screwdriver supplied.

Turn blade housing until holder (e) and blade (f) can be removed.

Clean mounting bearings, blade housing and blade with an oily cloth. Replace or sharpen blade if blunted.

Fit blade and holder in blade housing.

Place blade adjustment gauge (g) on rear table and check blade height is even both ends.

Tighten screws with screwdriver.

Check blade can revolve freely.

Fit guide fence and cover blade housing with blade guard.

## **General cleaning**

Remove dust and chips regularly from machine with a brush or compressed air. Check that motor ventilation slots are not blocked.

Lubricate all bearings and moving parts regularly with oil. Avoid getting oil on drive belt.

Regularly remove sap and the like from the front and rear tables with household spirit or petroleum.

## **Environmental information**

Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

Only for EU countries

Do not dispose of electric tools together with household waste material!

In observance of European Directive 2002/96/EC on waste electrical and electronic equipment (EEE) and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Your local refuse amenity will have a separate collection area for EEE goods.



# Charnwood W588 Parts List

<b>Part No</b>	<b>Description</b>	<b>Part No</b>	<b>Description</b>
<b>1</b> Chain tensioning rivet		<b>46</b> Lock Bolt Components	
<b>2</b> Chain tensioner		<b>47</b> Cap Nut M5	
<b>3</b> Open Collar 6		<b>48</b> Big Flat Washer 5	
<b>4</b> Spring washer 5		<b>49</b> Coupling Stud	
<b>5</b> Nut M5		<b>50</b> Locating Bush Fixed Workbench	
<b>6</b> Flat Washer 5		<b>51</b> Locating Bush Moving Workbench	
<b>7</b> Adjustable Chain Wheel		<b>52</b> Nail Bearing K10x13x13	
<b>8</b> Chain 2 (p=8)		<b>53</b> Block Tension Spring(B)	
<b>9</b> Positioning table rivet		<b>54</b> Block	
<b>10</b> Press & shaving material sign		<b>55</b> Block Tension Spring	
<b>11</b> Hexagon bolt M5 x 12		<b>56</b> Roller Component	
<b>12</b> Negative Leading screw		<b>57</b> Planer Blade	
<b>13</b> Active Leading screw		<b>58</b> Planer Blade Spring	
<b>14</b> Hexagon Socket Stud Bolt M5x20		<b>59</b> Spring Pin 3x8	
<b>15</b> Open Pin 3x15		<b>60</b> Planer Blade Binder Plate	
<b>16</b> Sleeve		<b>61</b> Binder Plate Bolt	
<b>17</b> Racket		<b>62</b> Bearing	
<b>18</b> Workbench Weld Component		<b>63</b> Nut M6	
<b>19</b> Crank Connect block		<b>64</b> Fixed Workbench	
<b>20</b> Guide Plate		<b>65</b> Flat Washer 4	
<b>21</b> Hexagon Bolt M8x20		<b>66</b> Hexagon Bolt M4x12	
<b>22</b> Crank Stop		<b>67</b> Goniometer (A)	
<b>23</b> Crank Bolt		<b>68</b> Flat Washer 6	
<b>24</b> Crank Nip		<b>69</b> Spring Washer 6	
<b>25</b> Hexagon Bolt M8x20		<b>70</b> Male Hexagon Bolt M6x12	
<b>26</b> Flat Washer 4	Cross Recessed Raised Pan Head Screws	<b>71</b> Goniometer Mount	
<b>27</b> M4x10		<b>72</b> Hexagon Socket Locating Screw	
<b>28</b> Spring Washer 4		<b>73</b> Hexagon Bolt M6x25	
<b>29</b> Pressing And Shaving Feeding Pointer		<b>74</b> Big Flat Washer 6	
<b>30</b> Rubber Footing		<b>75</b> Lock Screw	
<b>31</b> Nut M4		<b>76</b> Angle Pointer	
<b>32</b> Cable Clip		<b>77</b> Spring Pin 3x10	
<b>33</b> Cross Recessed Raised Pan Head Screws M4x16		<b>78</b> Locking Axis	
<b>34</b> Footing Cover Plate (B)		<b>79</b> Angle Iron	
<b>35</b> Auxiliary Station Plate Welding Component		<b>80</b> Male Hexagon Bolt M4x15	
<b>36</b> Tapping Screw ST4.2x10		<b>81</b> Goniometer (B)	
<b>37</b> Rising/Lowering Scale Sign		<b>82</b> Ruling Plate Welding Component	
<b>38</b> Hexagon Bolt M5x8		<b>83</b> Dust Exhaust Hood	
<b>39</b> Curve Preventing Sheath		<b>84</b> Open Collar 6	
<b>40</b> Cover		<b>85</b> Dust Exhaust Hood	
<b>41</b> Wires		<b>86</b> Open Collar 6	
<b>42</b> Tapping Screw ST4.2x20		<b>87</b> Planing Pointer	
<b>43</b> Power Supply Line (Plug)		<b>88</b> Planing Pointer Sign	
<b>44</b> Bolt	Cross Recessed Raised Pan Head		
<b>45</b> Lock Spring		<b>89</b> M5x12	
		<b>90</b> Knob	

<b>Part No</b>	<b>Description</b>	<b>Part No</b>	<b>Description</b>
<b>91</b> Adjusting Bar		<b>136</b> Square Bush	
<b>92</b> Lock Nut M8		<b>137</b> Big Gear	
<b>93</b> Lever		<b>138</b> Connection Plate Rivet	
<b>94</b> Insert Block		<b>139</b> Connection Plate Tensioning Spring	
<b>95</b> Stopper		<b>140</b> Axis Collar (12)	Cross Recessed Raised Pan Head Screws
<b>96</b> Tapping Screw ST4.2x6		<b>141</b> M5x12	
<b>97</b> Locking Bush		<b>142</b> Spring Washer 3	
<b>98</b> Cantilever Components		<b>143</b> Flat Washer 3	
<b>99</b> Bridge Supporting Welding Component		<b>144</b> Cable Clip	
<b>100</b> Locking Knob		<b>145</b> Micro-Switch Connecting	
<b>101</b> Locking Knob		<b>146</b> Driving Pulley	
<b>102</b> Shield Plate		<b>147</b> Ajar Block Screw	
<b>103</b> Location Limit Screw		<b>148</b> Micro-Switch Block	
<b>104</b> Locking Clamping Plate		<b>149</b> Eccentric Axis Washer	
<b>105</b> Location Clamping Screw		<b>150</b> Spring Washer 8	Hexagon Half Socket Button Head Screws
<b>106</b> Locating Screw		<b>151</b> M8x15	
<b>107</b> Catch		<b>152</b> Motor	
<b>108</b> Hanging Rod		<b>153</b> Footing Cover (A)	
<b>109</b> Gasket (brake)		<b>154</b> Exterior Teeth Locking Gasket 4	
<b>110</b> Brake		<b>155</b> M16 Fastener	
<b>111</b> Bearing Cover		<b>156</b> Switch Box Mount	Cross Recessed Raised Pan Head Screws
<b>112</b> Ball Bearing (6000-2Z)		<b>157</b> M5x10	
<b>113</b> Main Station Plate Welding Component		<b>158</b> 7A Overload Protector	
<b>114</b> Feeding Scale Sign		<b>159</b> Switch Box Cover	
<b>115</b> Ajar Block Spring		<b>160</b> Tapping Screw T4.2x15	
<b>116</b> Hexagon Bolt M5x10		<b>161</b> Thin Nut M12	
<b>117</b> Ajar Washer (B)		<b>162</b> KJD12-16 Main Switch	
<b>118</b> Macro Switch (Idler Wheel Style)		<b>163</b> Eccentric Axis	
<b>119</b> Arbor Belt Wheel		<b>164</b> Movable Workbench	
<b>120</b> Multi-Wedge Belt (5PJ604)		<b>165</b> Brush Housing Fixing Screw M4x12	
<b>121</b> Bush		<b>166</b> Cable Clip (Motor)	
<b>122</b> Big Chain Wheel		<b>167</b> Motor Shell	
<b>123</b> Hexagon Socket Button Head Screws M6x15		<b>168</b> Brush Housing	
<b>124</b> Driving Chain (P=12.7)		<b>169</b> Carbon Brush	
<b>125</b> Pinion		<b>170</b> Nut	
<b>126</b> Multi-Wedge AL Belt Wheel	Cross Recessed Raised Pan Head Screws	<b>171</b> Ball Bearing 6101	
<b>127</b> M5x20		<b>172</b> Inductance	
<b>128</b> 12 Axis Collar		<b>173</b> Stator-End Insulation	
<b>129</b> Multi-Wedge Belt (3PJ604)		<b>174</b> Armature	
<b>130</b> Coupling Stud		<b>175</b> Stator-End Insulation	
<b>131</b> Housing		<b>176</b> Stator Terminal Insulation	
<b>132</b> Main Sign		<b>177</b> Tapping Screw ST5x56	
<b>133</b> Axis Collar 9		<b>178</b> Vane	
<b>134</b> Washer (Connection Plate)		<b>179</b> Ball Bearing 80201	
<b>135</b> Small Chain Wheel		<b>180</b> Motor Cover	

## Charnwood W588 Exploded View Diagram

